REMARKS

Claims 1-24 remain herein.

This Preliminary Amendment is submitted to eliminate multiply dependent claims from the above-identified application.

Examination of this application on its merits is respectfully requested.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

December 19, 2001
Date

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Attachment:
Mark Up of Amended Claim

RWP/ame

Attorney Docket No. YMOR:233

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of optical disc discriminated by the disc information discriminator is determined by averaging a plurality of signal levels obtained by the disc signal discriminator in the type of optical disc discriminated by said disc information discriminator.

13. An optical disc discriminating method in an optical disc apparatus according to ~~any one of claims 1 to 12~~ claim 1,

wherein final discrimination of the type of said optical disc is made on the basis of the type discrimination result of said optical disc by means of the disc signal discriminator which discriminates the type of said optical disc on the basis of the focus error signal and a sub beam addition signal obtainable in performing a focus search by moving an objective lens in a direction of optical axis, and the type discrimination result of said optical disc by disc information discriminator which discriminates the type of said optical disc in accordance with information recorded on said optical disc.

14. The optical disc discriminating method according to claim 13, wherein in discriminating the type of optical disc by the disc signal discriminator, signal levels of the focus error signal and the sub beam addition signal are used as threshold data of quantity of reflected light for discriminating the type of said optical disc.